

PROPRIETARY

CONFIDENTIAL

Grade 3
Dent 1021

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

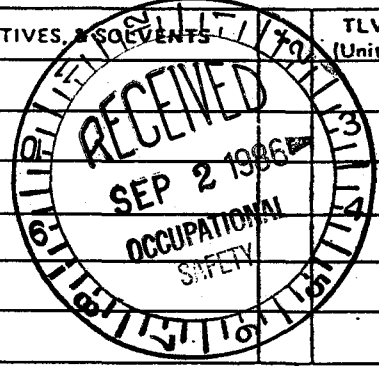
Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME MSCI, LTD.		EMERGENCY TELEPHONE NO. 312/586-8000
ADDRESS (Number, Street, City, State, and ZIP Code) 6935 WEST 62ND STREET, CHICAGO, ILLINOIS 60638		
CHEMICAL NAME AND SYNONYMS N/A		TRADE NAME AND SYNONYMS MTI-C-16173D, GRADE 3 (2049) TP
CHEMICAL FAMILY N/A	FORMULA Chemical Blend	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS		BASE METAL		
CATALYST		ALLOYS		
VEHICLE		METALLIC COATINGS		
SOLVENTS		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES		OTHERS		
OTHERS				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES			%	TLV (Units)
Aliphatic Solvents CAS# 64741419			Less than 92	200ppm



SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	315	SPECIFIC GRAVITY (H ₂ O=1)	0.79
VAPOR PRESSURE (mm Hg.)	Undetermined	PERCENT. VOLATILE BY VOLUME (%)	Undetermined
VAPOR DENSITY (AIR=1)	Undetermined	EVAPORATION RATE (_____=1)	Undetermined
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	Brown liquid; solvent odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	110°F. (TCC)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	CO ₂ , Foam			
SPECIAL FIRE FIGHTING PROCEDURES	Use of self-contained breathing apparatus is recommended.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	Keep work area free of hot metal surfaces and other sources of ignition.			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 200PPM

EFFECTS OF OVEREXPOSURE Excessive inhalation may cause dizziness and nausea. Skin and eye contact may cause irritation. Ingestion causes internal irritation.

EMERGENCY AND FIRST AID PROCEDURES For excessive inhalation, remove to fresh air and call physician, if necessary. For contact with eyes, flush well with water. See physician, if irritation persists. Ingestion: DO NOT INDUCE VOMITING! Seek medical attention immediately.

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID Heat, sparks, open flame and fire
	STABLE	X	

INCOMPATIBILITY (Materials to avoid) Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Dispose of in accordance with federal/state or local pollution control standards.

WASTE DISPOSAL METHOD

Dispose of in accordance with federal/state or local pollution control standards.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION	LOCAL EXHAUST Desirable	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES Rubber or poly	EYE PROTECTION Glasses
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OTHER PROTECTIVE EQUIPMENT None required

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid prolonged or repeated contact with skin.

OTHER PRECAUTIONS

Use with adequate ventilation.